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MS#301491.01  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Warren Burch et al.  
Serial No. to be assigned  
Filed November 13, 2003  
For QUICK BLUR APPROXIMATION

November 13, 2003

COMMISSIONER FOR PATENTS  
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SIR:

INFORMATION DISCLOSURE STATEMENT

\* In accordance with 37 C.F.R. 1.97 and 1.98 and MPEP 609, and  
in compliance with the duty of disclosure set forth in 37 C.F.R.  
\* 1.56, applicants submit the attached PTO/SB/08A for consideration  
by the Patent and Trademark Office in the above-entitled  
application and to be made of record therein. In accordance with  
the Pre-OG notice of July 11, 2003 partially waiving the  
requirements of 37 C.F.R. 1.98(a)(2)(i), copies of the U.S.  
\* patent documents are not supplied. Applicants submit herewith  
copies of the literature references.

Respectfully submitted,



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| <b>PTO/SB/08A</b><br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(use as many sheets as necessary) |   |    |   | <b>Complete if Known</b> |                             |
|                                                                                                                            |   |    |   | Application Number       | to be assigned              |
|                                                                                                                            |   |    |   | Filing Date              | November 13, 2003           |
|                                                                                                                            |   |    |   | Confirmation Number      |                             |
|                                                                                                                            |   |    |   | First Named Inventor     | Warren Burch                |
|                                                                                                                            |   |    |   | Group Art Unit           |                             |
|                                                                                                                            |   |    |   | Examiner Name            |                             |
| Sheet                                                                                                                      | 1 | of | 1 | Attorney Docket No.      | MSFT 5089<br>(MS#301491.01) |

| U.S. PATENT DOCUMENTS                       |                          |                                                                                                                                                                                                                                                                                                                                     |                                            |                                                    |                                                        |
|---------------------------------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------------------------|--------------------------------------------------------|
| Examiner<br>Initials*                       | Cite<br>No. <sup>1</sup> | U.S. Patent Document                                                                                                                                                                                                                                                                                                                |                                            | Name of Patentee or Applicant of<br>Cited Document | Date of Publication of Cited<br>Document<br>MM-DD-YYYY |
|                                             |                          | Number                                                                                                                                                                                                                                                                                                                              | Kind<br>Code <sup>2</sup><br>(if<br>known) |                                                    |                                                        |
|                                             | 1                        | 6,587,114                                                                                                                                                                                                                                                                                                                           | B1                                         | Peercy et al.                                      | 07-01-2003                                             |
|                                             | 2                        | 6,590,574                                                                                                                                                                                                                                                                                                                           | B1                                         | Andrews                                            | 07-08-2003                                             |
| OTHER ART - NON PATENT LITERATURE DOCUMENTS |                          |                                                                                                                                                                                                                                                                                                                                     |                                            |                                                    |                                                        |
| Examiner<br>Initials*                       | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.                                                                      |                                            |                                                    | T <sup>6</sup>                                         |
|                                             | 3                        | BROSTOW, G., et al., "Image-Based Motion Blue for Stop Motion Animation," Georgia Institute of Technology, GVU Center, College of Computing, International Conference on Computer Graphics and Interactive Techniques, Proceedings of the 28th Annual Conference on Computer Graphics and Interactive Techniques, 2001, pp. 561-566 |                                            |                                                    |                                                        |
|                                             | 4                        | GRANT, C., "Integrated Analytic Spatial and Temporal Anti-Aliasing for Polyhedra in 4-Space," Lawrence Livermore National Laboratory, International Conference on Computer Graphics and Interactive Techniques, Proceedings of the 12th Annual Conference on Computer Graphics and Interactive Techniques, 1985, pp. 79-84          |                                            |                                                    |                                                        |
|                                             | 5                        | MAX, N., et al., "A Two-and-a-half-D Motion-Blur Algorithm," Toyo Links Corporation, International Conference on Computer Graphics and Interactive Techniques, Proceedings fo the 12th Annual Conference on Computer Graphics and Interactive Techniques, 1985, pp. 85-93                                                           |                                            |                                                    |                                                        |

|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached or place an "A" here if English language abstract is attached..

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